



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

MBCI, A Division of NCI Group, Inc.
14031 West Hardy
Houston, TX 77060

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Eco-Ficient Insulated Wall Panels

APPROVAL DOCUMENT: Drawing No. C1902, titled "Eco-Ficient Insulated Wall Panels", sheets 1 through 2 of 2, prepared by Bala Sockalingam, P.E., dated September 12, 2013, last revision A, dated May 15, 2014, signed & sealed by Bala Sockalingam, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Lewisville, TX; Prince George, VA; North Las Vegas, NA; Shelbyville, IN; or Mattoon, ILL; Jackson, MS and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
05/29/2014

NOA No. 14-0306.03
Expiration Date: 03/06/2018
Approval Date: 05/29/2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. C1902, titled "Eco-Ficient Insulated Wall Panels", sheets 1 through 2 of 2, prepared by Bala Sockalingam, P.E., dated September 12, 2013, last revision A, dated May 15, 2014, signed & sealed by Bala Sockalingam, P.E.*

B. TESTS

1. *See NOA # 13-1105.11*

C. CALCULATIONS

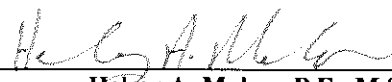
1. *See NOA # 13-1105.11*

D. QUALITY ASSURANCE

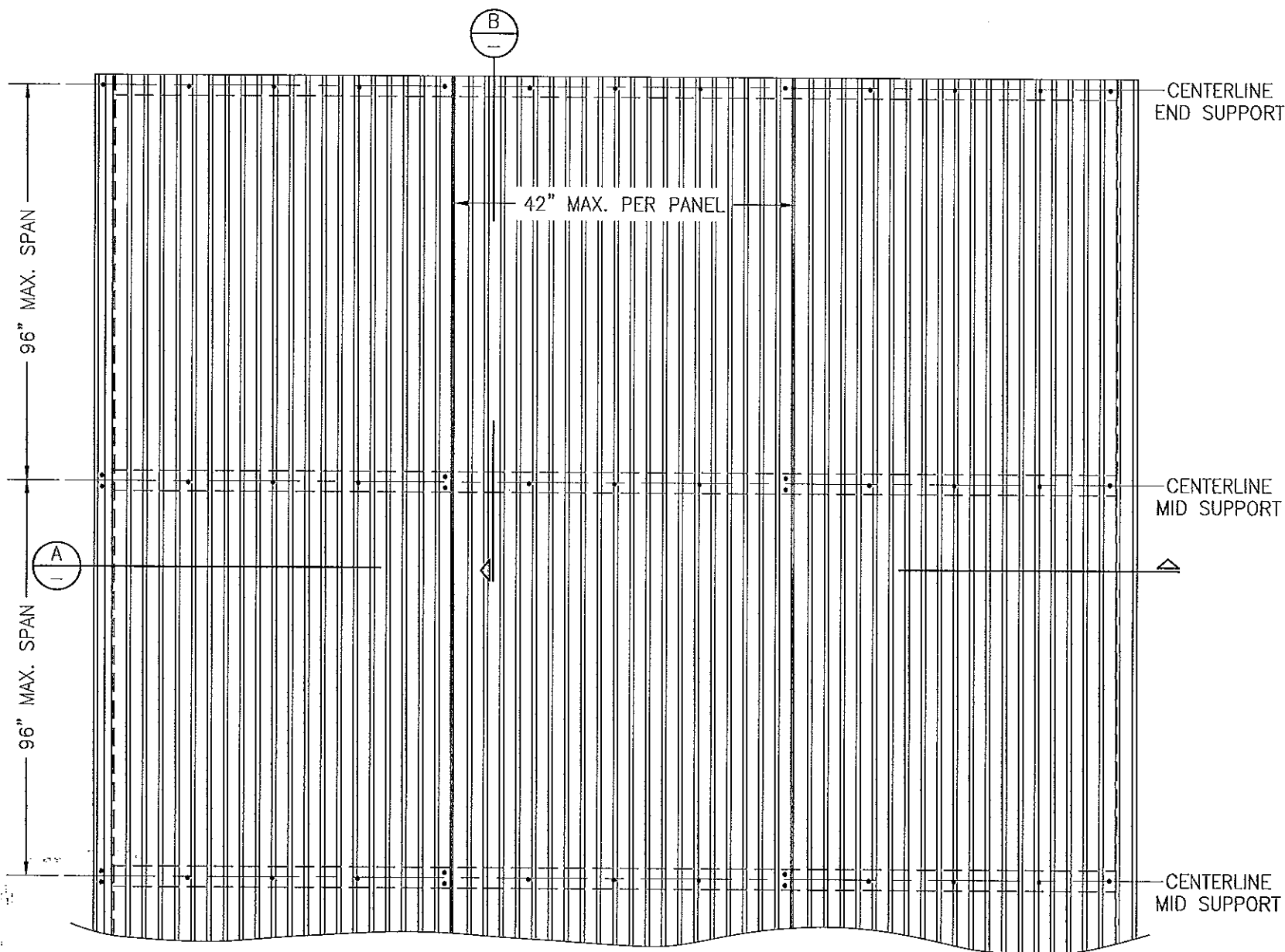
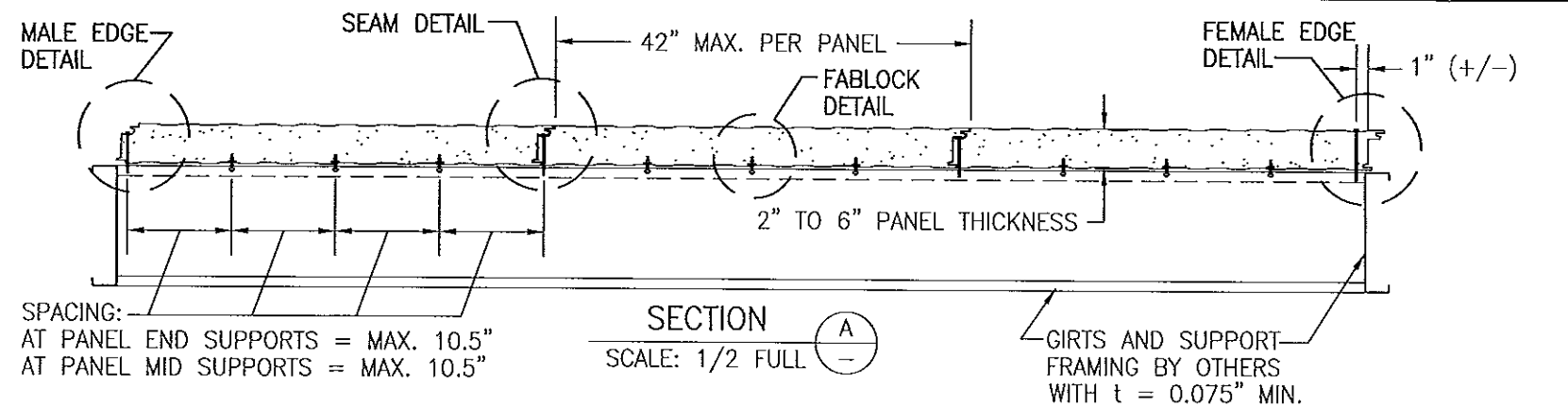
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *See NOA # 13-1105.11*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0306.03
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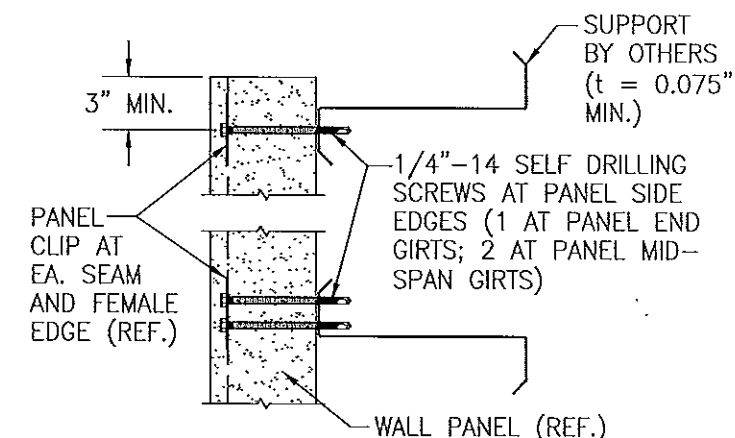


TYPICAL EXTERIOR WALL ELEVATION

PRODUCT APPROVAL IS LIMITED TO THE WALL PANEL & ITS CONNECTING CLIPS. THE STRUCTURAL ADEQUACY OF ALL OTHER STRUCTURAL ITEMS (BEAMS, COLUMNS, PURLINS, FACIA SUPPORTS, CONNECTIONS OF STRUCTURE, ETC.) SHALL BE VERIFIED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT. THE WALL PANELS SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.

GENERAL NOTES:

1. THIS STRUCTURAL WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE (FBC). THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 AND ASCE 7-10 MUST BE MULTIPLIED BY 0.6.
2. ALL WALL PANELS ARE MAX 42" WIDE, CONSIST OF EXTERIOR 26 GA. ($t = 0.019"$ MIN.) AND INTERIOR 26 GA. ($t = 0.019"$ MIN) G-90 CLAD STEEL SKINS ($F_y = \text{MIN. } 44.5 \text{ KSI TESTED}$) COATED WITH AN EMBOSSED & PAINTED OR TUFF (STUCCO-LIKE) FINISH & ARE FOAM FILLED WITH FOAMED-IN-PLACE NON-CFC 2.0 LB/CU. FT. DENSITY POLYURETHANE.
3. THE WALL PANELS SHALL BE INSTALLED OVER WALL STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
4. THE WALL PANELS MUST BE INSTALLED OVER MIN. 2 SUPPORTS. HORIZONTAL SEAMS MAY BE PRESENT AT CENTERLINE OF SUPPORTING GIRTS PROVIDING THE SEAMS ARE FLASHED & PROPERLY SEALED PER METL-SPAN SPECIFICATIONS AND EACH PANEL END IS SECURED PER THESE DRAWINGS.
5. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
7. THIS WALL PANEL SYSTEM HAS BEEN TESTED AS AN IMPACT SYSTEM IN ACCORDANCE WITH PROTOCOLS TAS-201, 202 & 203.
8. WALL PANEL MANUFACTURER'S PERMANENT LABEL SHALL BE PLACED AT THE END OF EACH PANEL RUN AND SHALL READ: MBCI
HOUSTON, TEXAS
DADE COUNTY PRODUCT CONTROL APPROVED
9. ALL SCREWS SHALL BE CORROSION RESISTANT SELF DRILLING SCREWS.
10. THE SUPPORTING STRUCTURE, OVER WHICH THE PANELS ARE TO BE INSTALLED, MUST BE MINIMUM 14 GAGE (MIN. 0.075") STEEL WITH MIN. $F_y = 50 \text{ KSI}$.
11. THESE WALL PANELS SHALL NOT BE CONSIDERED TO OR BE USED FOR TRANSFER OF DIAPHRAM ACTION OF WALL TO SUPPORTING STRUCTURE.



ALLOWABLE PRESSURE POSITIVE OR NEGATIVE (PSF)

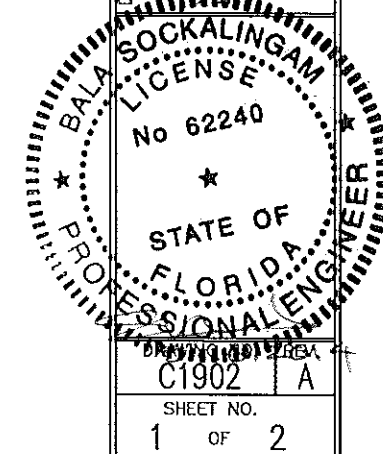
SPAN (IN.)	SINGLE SPAN	THREE OR MORE SPANS
48	86.0	86.0
54	76.4	76.4
60	68.8	68.8
66	62.5	62.5
72	57.3	57.3
78	52.9	52.9
84	49.1	49.1
90	44.9	45.9
96	37.0	43.0

Approved as complying with the
Florida Building Code
Date 05/29/2014
NOAH 14-0306.03
Miami Dade Product Control

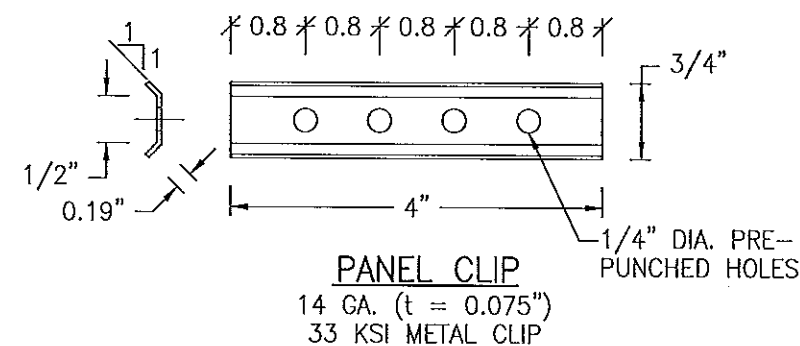
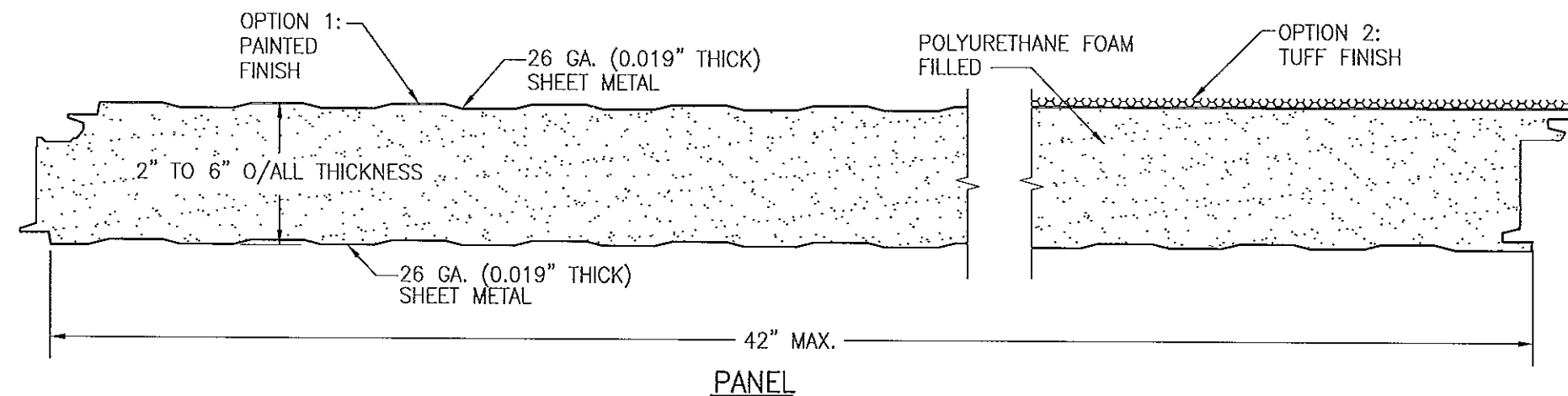
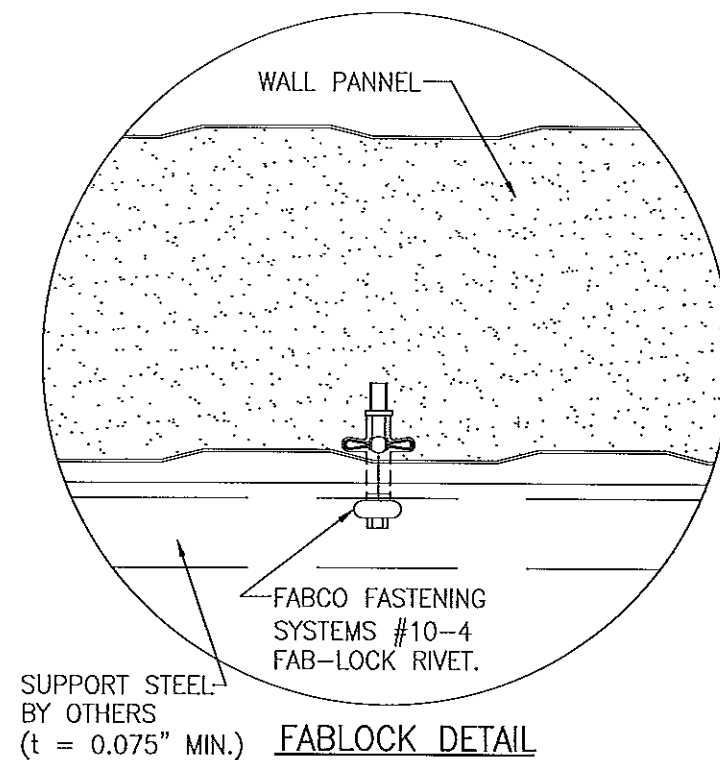
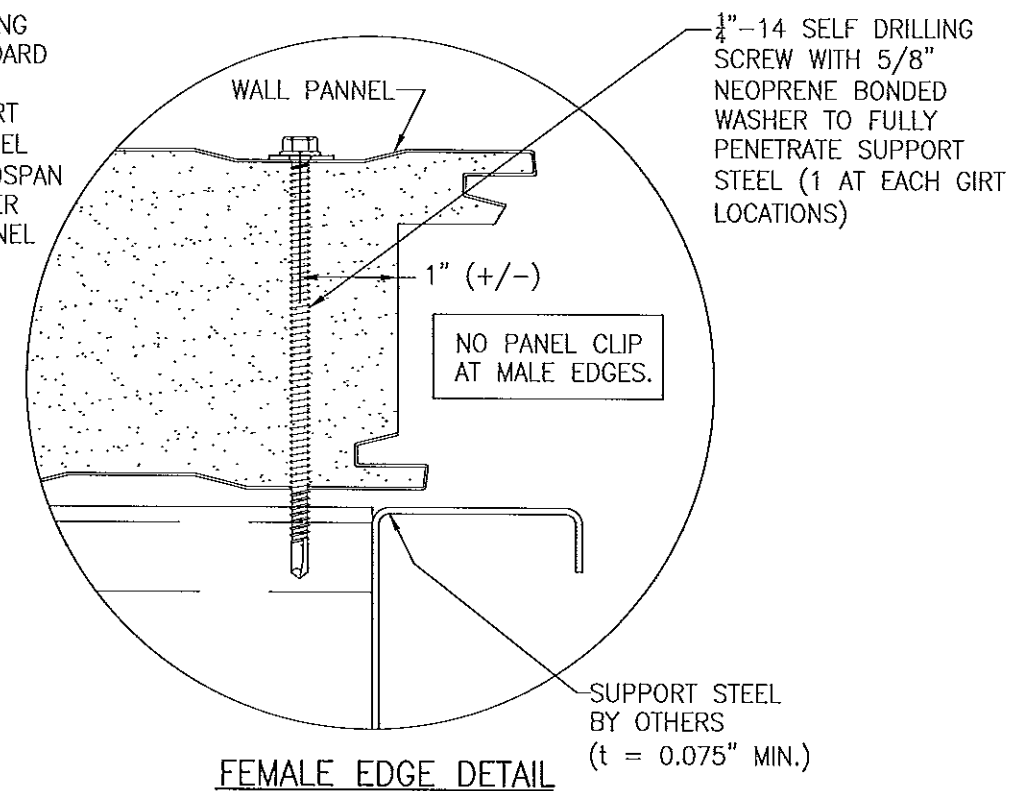
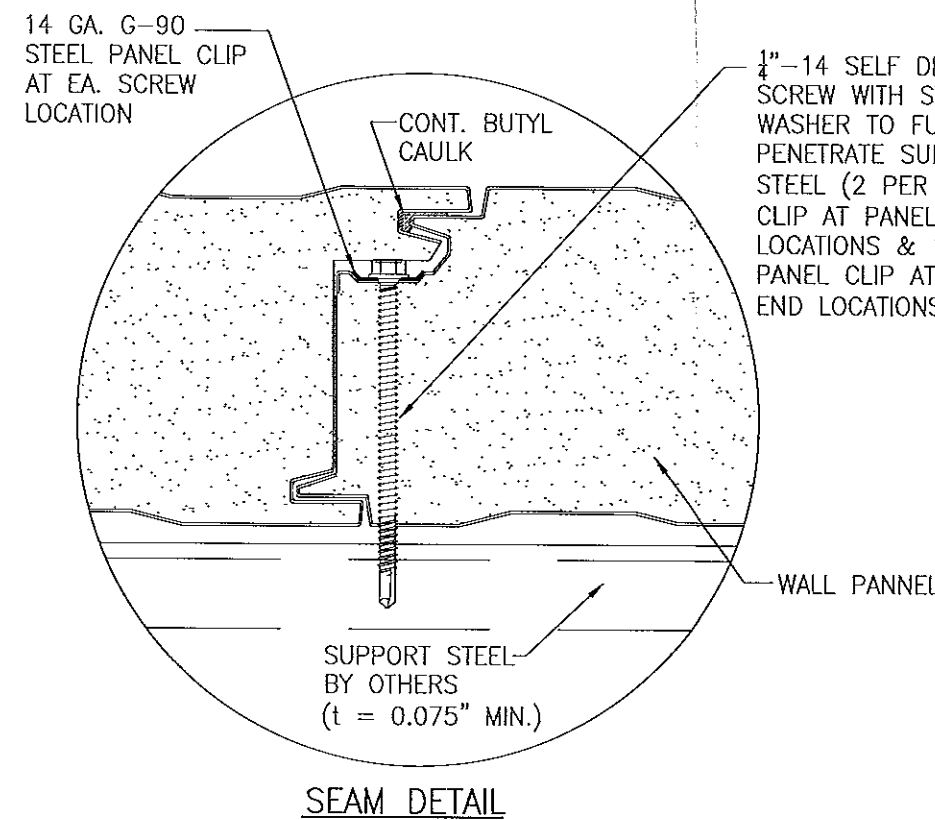
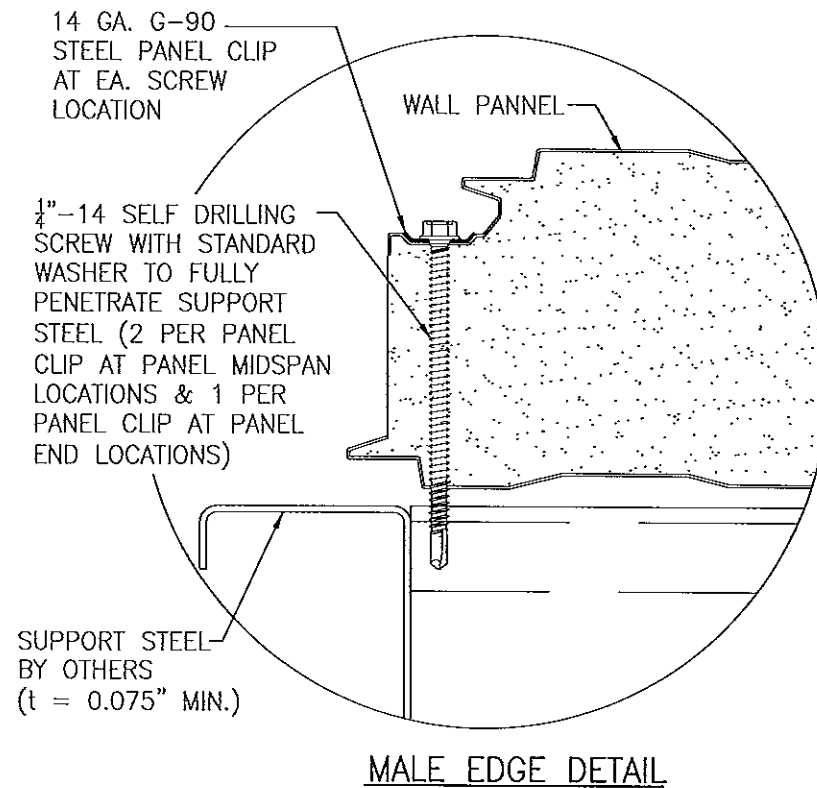
By *[Signature]*

DRAWN BY:	B.S.	CHECKED BY:	R.H.
PLOT:	1=8	DATE:	9/12/13
DATE	5.15.14		
BY	BS		
REVISION DESCRIPTION	REVISE MS DRAWINGS		
NO.	A		

DRAWING TITLE	MBCI ECO-EFFICIENT INSULATED WALL PANELS
CONSULTANTS	BALA SOCKALINGAM, PH.D., P.E.
MANUFACTURER	MBCI 14031 WEST HARDY HOUSTON, TEXAS 77060 281-445-8555
1216 N LANSING AVE, SUITE C TULSA, OK 74106 PHONE: 918-492-5992 FAX: 866-366-1543	



SHEET NO.
1 OF 2



Approved as complying with the
Florida Building Code
Date 05/29/2014
NOA# 14-0306-03
Miami Dade Product Control

By *H. G. Adkins*

DRAWN BY: B.S.		CHECKED BY: R.H.	
PLOT: 1=1		DATE: 9/12/13	
NO.	REVISION DESCRIPTION	DATE	BY
A	REVISE MS DRAWING	5.15.14	BS

DRAWING TITLE: MBCI ECO-FICIENT INSULATED WALL PANELS

MANUFACTURER: MBCI

14031 WEST HARDY
HOUSTON, TEXAS 77060
281-445-8555

CONSULTANTS: SOCKALINGAM, PH.D., P.E.

1216 N LANSING AVE, SUITE C
TULSA, OK 74106
PHONE: 918-492-5992 FAX: 866-366-1543

PROFESSIONAL ENGINEER

STATE OF FLORIDA

License No 62240

DATE: 5.16.2014

DRAWING NO. C1902

REV. A

SHEET NO. 2 OF 2